



Request for City Council Committee Action From the Department of Public Works

Date: January 7th, 2003

To: Transportation and Public Works Committee

Referral to: Ways and Means Committee

Subject: Contract # 98-13127 Expiration date Extension

Recommendation:

Authorize the proper City officials to amend Contract C98-13127 with EMA Services Inc. to extend the completion date of this Contract throughout 2004 to provide for completion of current SCADA implementation services approved.

Previous Directives:

In July of 1998, The City entered into Contract # C98-13127 with EMA Inc. for the design, integration and construction review of a SCADA system for the Minneapolis Water Works (MWW). Contract amount \$1,767,200

In October of 1999, The City amended Contract # C98-13127 by \$561,460 to include a single year of expanded change management services. Contract amount \$2,328,660

In August of 2001, The City amended Contract #C98-13127 by \$988,960 to include current and potential design enhancements. Contract amount of \$3,317,620.

In September of 2001, The City amended Contract #C98-13127 by \$699,200 to include additional change management services. Contract amount of \$4,016,820.

Prepared or Submitted by: Robert L. Verke PE, Engineer II 661-4905

Approved: Brian J. Lokkesmoe P E, Acting City Engineer, Director of Public Works
By: Adam Kramer PE, Director Water Works

Presenters in Committee: Brian J. Lokkesmoe P E, Acting City Engineer
Director Public Works

Financial Impact (Check those that apply)

☒ No financial impact - or - Action is within current department budget.
(If checked, go directly to Background/Supporting Information)

MWW SCADA system Fund 740, agency 950, Org 9515, Job number D5298030

- ☐ Action requires an appropriation increase to the Capital Budget
- ☐ Action requires an appropriation increase to the Operating Budget
- ☐ Action provides increased revenue for appropriation increase
- ☐ Action requires use of contingency or reserves
- ☐ Other financial impact (Explain):
- ☐ Request provided to the Budget Office when provided to the Committee Coordinator

Community Impact (use any categories that apply)

Neighborhood Notification

City Goals

Comprehensive Plan

Zoning Code

Other

Background/Supporting Information:

In July of 1998 MWW entered into Contract # C98-13127 with EMA inc. for the design, integration and construction review of a Supervisory Control and Data Acquisition System (SCADA) for the Minneapolis Water Works. The system design is based on a master implementation plan and competitive assessment that identified substantial savings in MWW treatment, operation and distribution costs. SCADA technologies use state of the art communication, instrumentation and control technologies to provide remote process control and to display process information via a computer network to MWW operating personnel. With this real-time information, MWW control personnel can optimize the water treatment and distribution processes, thereby improving our water quality while at the same time reducing our operating costs

Development of these technologies was changed dramatically by the impact of September eleventh of 2001. We had to evaluate designs and practices and modify them to address new concerns and to meet new federal mandates. The total cost of these potential implementation changes has not been established. New funding was approved for this effort by the City Council this month. MWW will follow up with detailed information on costs and project impact later this year. Today we are requesting a contract term extension to continue with this work.